

SYSTEM AND METHOD FOR ROUTING COMMUNICATIONS  
BASED ON WIRELESS COMMUNICATION LINK QUALITY

ABSTRACT OF THE DISCLOSURE

5 A method for routing communications at a mobile station includes  
determining, at a mobile station, one or more routing metrics that are associated with  
each of a number of communication paths that couple the mobile station and a  
destination device. At least one of the routing metrics includes the link quality of at  
least one wireless communication link included in each of the communication paths.  
The method also includes receiving, at the mobile station, routing information from  
one or more routers that couple the mobile station and the destination device. The  
method further includes routing a communication to the destination device based on  
10 the determined routing metrics and the received routing information.